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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sung-Oh HWANG et al. Group Art Unit: 2661  
Serial No.: 10/657,669 Docket: 678-1260  
Filed: September 8, 2003 Dated: March 15, 2007  
For: APPARATUS AND METHOD FOR JOINT DETECTION  
RECEIVING IRRESPECTIVE OF ORTHOGONAL CODE  
LENGTH IN MOBILE COMMUNICATION SYSTEM

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Applicant's duty of disclosure, it is respectfully requested that the references listed in the attached form PTO-1449 be considered by the Examiner and made of record in the above-identified application. A copy of each reference is attached hereto.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 15, 2007.

Dated: March 15, 2007

Paul J. Farrell

The listed items were cited by the Chinese Patent Office in a counterpart application, namely Appln. No. 03164974.2. A copy of the Chinese Office Action dated December 22, 2006 is attached hereto.

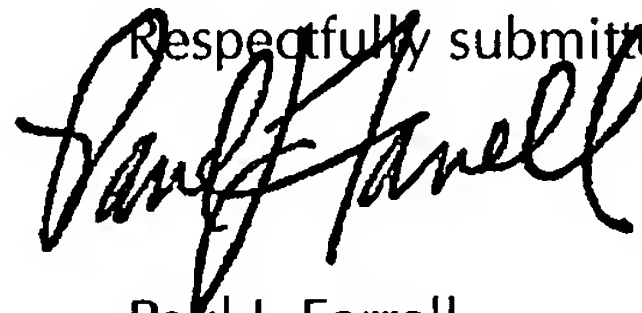
The filing of this Information Disclosure Statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

**CERTIFICATION UNDER 37 C.F.R. §1.97(e)(2)**

Applicant submits that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application no more than three months prior to the filing of the Statement.

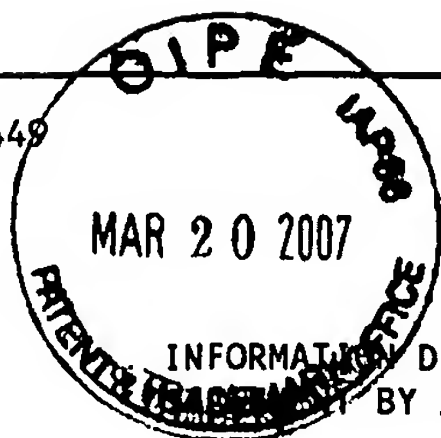
Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul J. Farrell", written over the typed name.

Paul J. Farrell  
Reg. No. 33,494  
Attorney for Applicant

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
678-1260SERIAL NO.  
10/657,669APPLICANT  
Sung-Oh HWANG et al.FILING DATE  
September 8, 2003GROUP ART UNIT  
2661

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		CN 1362803	August 7, 2002	CHINA			x	

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		1.	Marius Vollmer et al., Comparative Study of Joint-Detection Techniques for TD-CDMA Based Mobile Radio Systems, IEEE Journal on Selected Areas in Communications, Vol. 19, No. 8, August 2001.

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.